What is claimed is:

- 1. An organic electroluminescence display panel comprising a plurality of organic electroluminescence elements, each of the elements comprising first and second display electrodes and at least one of organic function layers including an emission layer comprising an organic compound, the function layers being sandwiched and stacked between the first and second display electrodes, and a substrate supporting the plurality of organic electroluminescence elements; wherein the organic function layers include at least one common layer that is formed commonly for the plurality of organic electroluminescence elements and has charge transport properties, and the common layer has a gap filling part extending among the plurality of organic electroluminescence elements.
- 2. The organic electroluminescence display panel according to claim 1, wherein sheet resistance ps\_ctl\_min of the gap filling part is a value satisfying the following formula,

 $\rho s_{\text{ctl_min}} \geq (V_{\text{on}} - V_{\text{off}}) / (j \cdot I \cdot a)$ 

where ps\_ctl\_min indicates the minimum of sheet resistance ps\_ctl, V\_on indicates voltage between the first and second display electrodes of the organic electroluminescence element without electric leakage in an on-state, V\_off indicates voltage between the first and second display electrodes of the organic electroluminescence element that is adjoining in an off-

state, j indicates a luminance difference coefficient of 0.08 or less, I indicates driving current, and a indicates a coefficient obtained from a shape of the gap filling part, respectively.

3. The organic electroluminescence display panel according to claim 1, wherein the sheet resistance ps\_ctl\_min of the gap filling part is a value satisfying a formula,

$$\rho s_{\text{ctl_min}} \ge (V_{\text{on}}(K-1) - V_{\text{off}}) \cdot (K-1) / (I_{\text{const}} \cdot a)$$

where ps\_ctl\_min indicates the minimum of the sheet resistance ps\_ctl, K indicates a gray-scale number for display, V\_on(m) indicates voltage between the first and second display electrodes of the organic electroluminescence element without the electric leakage at a gray-scale m (m is an integer of 1 or more) in the on-state, V\_off indicates the voltage between the first and second display electrodes of the organic electroluminescence element that is adjoining in the off-state, I\_const indicates driving current having a constant value, and a indicates the coefficient obtained from the shape of the gap filling part, respectively.

4. The organic electroluminescence display panel according to claim 1, wherein the sheet resistance ps\_ctl\_min of the gap filling part is a value satisfying a formula,

$$\rho s_{\text{ctl}_{\min}} \ge (V_{\text{on}}(K-1) - V_{\text{off}}) \cdot (K-1) / (a \cdot I (K-1))$$

where ps\_ctl\_min indicates the minimum of the sheet resistance ps\_ctl, K indicates the gray-scale number for display, V\_on(n) indicates voltage between the first and second display electrodes of the organic electroluminescence element without the electric leakage at a gray-scale n (n is an integer of 1 or more) in the on-state, V\_off indicates the voltage between the first and second display electrodes of the organic electroluminescence element that is adjoining in the off-state, I(m) indicates electric current flowing into the organic electroluminescence element at the gray-scale m, and a indicates the coefficient obtained from the shape of the gap filling part, respectively.

5. The organic electroluminescence display panel according to claim 1, wherein sheet resistance  $\rho s_ctl10$  of the gap filling part is a value satisfying a formula,  $\rho s_ctl10 \ge 1.0 \cdot (V_const-V_co$ 

where ps\_ctl10 indicates the minimum of the sheet resistance ps\_ctl, V\_const indicates constant driving voltage, V\_off indicates the voltage between the first and second display electrodes of the organic electroluminescence element that is adjoining in the off-state, I(m) indicates the electric current flowing into the organic electroluminescence element at the gray-scale m (m is an integer of 1 or more), and a indicates the coefficient obtained from the shape of the gap filling part, respectively.

6. The organic electroluminescence display panel according to claim 1, wherein the sheet resistance  $\rho s_{t} = 0.00$  of the gap filling part is a value satisfying a formula,

$$\rho \text{ s\_ctl10} \ge 10 \cdot (V_{on}(1) - V_{off}) / (I(1) \cdot a)$$

where ps\_ctl10 indicates the minimum of the sheet resistance ps\_ctl, V(m) indicates driving voltage of the organic electroluminescence element at the gray-scale m, V\_off indicates the voltage between the first and second display electrodes of the organic electroluminescence element that is adjoining in the off-state, I(m) indicates the electric current flowing into the organic electroluminescence element at the gray-scale m (m is the integer of 1 or more), and a indicates the coefficient obtained from the shape of the gap filling part, respectively.